

Claims:

1. A portable data converting and processing device with standard data interface, comprising a standard data interface connector and a data processing controller,
5 characterized in that said connector are integrated with said data processor to form a body unit, an electric interface is set in the body unit to connect to an external unit.
2. The portable data converting and processing device with standard data interface according to claim 1, characterized in that said data processor is
10 a connector-controller, a conversion-controller or the combination of them.
3. The portable data converting and processing device with standard data interface according to claim 2, characterized in that said controller and said conversion-controller are integrated or separate.
4. The portable data converting and processing device with standard data
15 interface according to claim 3, characterized in that an electric interface matched for the connection with the body unit is set at one end of said separate conversion-controller, and an electric interface matched for the connection with the external unit is set at the other end.
5. The portable data converting and processing device with standard data
20 interface according to claim 2, characterized in that said conversion-controller can be a CF card processor, a MMC card processor, a SD card processor, a SMC card processor, an IBM Micro Drive processor, a USB processor, a RF processor, an IC identification processor or a multi-functional processor formed by the combination of above cards.
- 25 6. The portable data converting and processing device with standard data interface according to claim 1, characterized in that said external unit is an external processor or a data storage device.
7. The portable data converting and processing device with standard data interface according to claim 6, characterized in that said external processor

can be a CF card processor, a MMC card processor, a SD card processor, a SMC card processor, an IBM Micro Drive processor, a USB processor, a RF processor, an IC identification processor or a multi-functional processor formed by the combination of above cards.

5 8. The portable data converting and processing device with standard data interface according to claim 7, characterized in that said data storage device is a non-losable storage device.

9. The portable data converting and processing device with standard data interface according to claim 1, characterized in that said standard data
10 interface connector can be USB connector, CF card connector, MMC card connector, SD card connector, SMC card connector, IBM Micro Drive connector, RS-232, COM port, IEEE1394 or PS/2.

10. The portable data converting and processing device with standard data interface according to claim 1 or 9, characterized in that said standard data
15 interface connector could be plug-style or socket-style.

11. The portable data converting and processing device with standard data interface according to one of claim 1 to 8, characterized in that said external unit or said separate conversion-controller is glidingly connected to the body unit by leading grooves.

20 12. The portable data converting and processing device with standard data interface according to one of claim 1 to 8, characterized in that said external unit or said separate conversion-controller is connected to the body unit by plug-in connection or elastic-fastening connection.

13. The portable data converting and processing device with standard data
25 interface according to one of claim 1 to 8, characterized in that said external unit or said separate conversion-controller is connected to the body unit by elastic-fastening connection.

14. The portable data converting and processing device with standard data interface according to claim 13, characterized in that an elastic fastener is

set in the covering body of said external unit, and a tache is set in a corresponding place of the covering body of the body unit.

15. The portable data converting and processing device with standard data interface according to one of claim 1 to 8, characterized in that a separate
5 rear-lid is set at the rear of the covering body of said body unit; thus a container is formed between the body unit and the rear-lid, and the external unit or the separate conversion-controller is put into this container.

16. The portable data converting and processing device with standard data interface according to claim 15, characterized in that said rear-lid is
10 glidingly connected or fastened on the body unit.

17. The portable data converting and processing device with standard data interface according to one of claim 1 to 8, characterized in that said external unit or said separate conversion-controller is put on a bracket, which is inserted in the grooves in the covering body of the body unit.

15 18. The portable data converting and processing device with standard data interface according to one of claim 1 to 8, characterized in that an electric interface for the external unit or the separate conversion-controller is set in said processor, wherein the interface can be standard USB connector, CF card connector, MMC card connector, SD card connector, SMC card connector, IBM Micro
20 Drive connector, RS-232, COM port, IEEE1394 or PS/2.

19. The portable data converting and processing device with standard data interface according to one of claim 1 to 8, characterized in that a switch for controlling read/write status is set in the covering body of said body unit and the controlling port of the switch connects to the controller of said body unit.

25 20. The portable data converting and processing device with standard data interface according to one of above claims, characterized in that more than one data interface are set in the covering body of said body unit.

21. The portable data converting and processing device with standard data interface according to claim 20, characterized in that said interface can be

various types of standard interface.

22. The portable data converting and processing device with standard data interface according to claim 21, characterized in that said interface can be USB interface, CF card connector, MMC card connector, SD card connector, SMC
5 card connector, IBM Micro Drive connector, RS 222, COM port, IEEE1394 or PS/2.